

8th Grade Cards & answers

<p>2-1. In which kingdom would you find unicellular organisms that do <u>NOT</u> have nuclei?</p> <p>A. Monera B. Plant C. Protista D. Fungi</p>	<p>3-1. What is true about the members of the Fungi kingdom?</p> <p>A. They reproduce using seeds. B. They do not make their own food. C. They do not have cells with nuclei. D. They photosynthesize.</p>
<p>4-1. If an organism is multicellular and makes its own food, it must be a member of the _____ kingdom.</p> <p>A. Plant B. Protista C. Monera D. Animal</p>	<p>5-1. What is recycling?</p> <p>A. storing something for five years or longer B. throwing something away C. using the materials of something over again D. using small amounts of something</p>
<p>6-1. Which is a natural resource that must be <u>conserved</u>?</p> <p>A. plastic bottles B. clear glass C. clean air D. sunlight</p>	<p>7-1. Which object listed below <u>CANNOT</u> be recycled?</p> <p>A. glass jars B. hazardous waste C. plastic jugs D. aluminum cans</p>
<p>8-1. Recycling paper helps _____ resources.</p> <p>A. discover B. produce C. waste D. conserve</p>	<p>11-1. DNA stand for _____ .</p> <p>A. detronuclear acetone B. denatured alcohol C. deoxyribonucleic acid D. dinitrogen aldehyde</p>
<p>12-1. Deoxyribonucleic acid is _____.</p> <p>A. genetic material B. the end result of mitosis C. produced by RNA D. the structure that connects chromosomes</p>	<p>13-1. Which of the following is determined solely by heredity?</p> <p>A. eye color B. artistic ability C. weight D. intelligence</p>

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<p>17-1. Offspring produced by sexual reproduction.</p> <p>A. are exactly like one of the parents B. show no variation in characteristics C. form from one sex cell of one organism</p>	<p>18-1. An organism that reproduces without male or female gametes _____.</p> <p>A. can only reproduce once B. does not have enough chromosomes C. is asexual D. has a mutant disorder</p>
<p>21-1. What do most seed-producing non-flowering plants use during reproduction?</p> <p>A. cones B. fruit C. spores</p>	<p>27-1. Which female part of the flower first receives pollen?</p> <p>A. ovary B. sepal C. stigma D. style</p>
<p>29-1. Which of the following plants have a water transport system?</p> <p>A. algae B. moss C. liverwort D. oak tree</p>	<p>30-1. Which of the following plants does <u>NOT</u> have a vascular system?</p> <p>A. a carrot plant B. a hornwort C. a rosebush D. grass</p>
<p>32-1. In which habitat would one be most likely to find a non-vascular plant?</p> <p>A. a desert B. a meadow C. a swamp</p>	<p>36-1. Seaweeds, such as kelp, are _____.</p> <p>A. monerans B. plants C. protists D. prokaryotes</p>
<p>1-2. In which kingdom would you find unicellular organisms that do <u>NOT</u> have nuclei?</p> <p>A. Monera B. Plant C. Protista D. Fungi</p>	<p>2-2. What do the members of the Protista kingdom have in common with the members of the Plant, Animal, and Fungi kingdoms?</p> <p>A. a root system B. a backbone C. a cell wall D. a true nucleus</p>

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<p>3-2. All organisms are divided into kingdoms: Animal, Plant, Protist, and Fungi. What is the fifth kingdom that is recognized by scientists?</p> <p>A. Bacteria B. Virus C. Organism D. Monera</p>	<p>4-2. If an organism is multicellular and makes its own food, it must be a member of the _____ kingdom.</p> <p>A. Plant B. Protista C. Monera D. Animal</p>
<p>5-2. Which object listed below <u>CANNOT</u> be recycled?</p> <p>A. glass jars B. hazardous waste C. plastic jugs D. aluminum cans</p>	<p>6-2. Recycling paper helps _____ resources.</p> <p>A. discover B. produce C. waste D. conserve</p>
<p>7-2. Which is a natural resource that must be <u>conserved</u>?</p> <p>A. plastic bottles B. clear glass C. clean air D. sunlight</p>	<p>8-2. Which natural resource listed below is <u>renewable</u>?</p> <p>A. trees B. glass C. coal D. aluminum</p>
<p>9-2. Being able to read is _____ .</p> <p>A. an inherited trait B. something all animals can learn C. a learned trait D. something you can only do at school</p>	<p>10-2. Segments of DNA are called _____.</p> <p>A. mutations B. RNA C. traits D. genes</p>
<p>11-2. Which of the following structures comes in pairs?</p> <p>A. traits B. cells C. chromosomes D. RNA</p>	<p>12-2. _____ are composed of strands of DNA, come in pairs, and contain hundreds of genes.</p> <p>A. Chromosomes B. Traits C. Cells D. Enzymes</p>

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<p>13-2. Which chromosome combination in humans will produce a female?</p> <p>A. YY B. XY C. YX D. XX</p>	<p>12-2. _____ are composed of strands of DNA, come in pairs, and contain hundreds of genes.</p> <p>A. Chromosomes B. Traits C. Cells D. Enzymes</p>
<p>13-2. Which chromosome combination in humans will produce a female?</p> <p>A. YY B. XY C. YX D. XX</p>	<p>17-2. What is required to begin sexual reproduction?</p> <p>A. spore formation B. seed dispersal C. one cell splitting into two complete cells D. two cells uniting to form one cell</p>
<p>18-2. Which of the following is true about asexual reproduction?</p> <p>A. Reproduced cells are identical to the original (parent) cell. B. It requires a sperm cell. C. There is a great deal of variation in offspring. D. It can only happen in plants.</p>	<p>19-2. Offspring produced by sexual reproduction _____.</p> <p>A. are exactly like one of the parents B. show no variation in characteristics C. form from one sex cell of one organism</p>
<p>20-2. What is required to begin asexual reproduction?</p> <p>A. two cells uniting to form one cell B. one cell splitting into two cells C. pollination D. fertilization</p>	<p>23-2. Which of the following statements is true about the life cycle of a spore-producing non-flowering plant?</p> <p>A. It is composed of two main stages. B. It does not include reproduction. C. It includes the sprouting of seeds. D. It is composed of three main</p>
<p>24-2. The purpose of a spore is to _____.</p> <p>A. nourish the plant B. grow into a plant C. aid in fertilization D. protect the young plant</p>	<p>25-2. Which female part of the flower first receives pollen?</p> <p>A. ovary B. sepal C. stigma D. style</p>

Eight Grade Science Answer Key

1. B Basic Taxonomy and the Five Kingdoms
2. A Basic Taxonomy and the Five Kingdoms
3. B Basic Taxonomy and the Five Kingdoms
4. A Basic Taxonomy and the Five Kingdoms
5. C Resources and Conservation
6. C Resources and Conservation
7. B Resources and Conservation
8. D Resources and Conservation
9. C DNA, Genes, Chromosomes, Traits
10. B DNA, Genes, Chromosomes, Traits
11. C DNA, Genes, Chromosomes, Traits
12. A DNA, Genes, Chromosomes, Traits
13. A Genetics - A
14. B Genetics - A
15. C Genetics - A
16. C Genetics - A
17. D Sexual vs. Asexual Reproduction
18. C Sexual vs. Asexual Reproduction
19. B Sexual vs. Asexual Reproduction
20. C Sexual vs. Asexual Reproduction
21. A Life Cycle of Non-Flowering Plant
22. D Life Cycle of Non-Flowering Plant
23. D Life Cycle of Non-Flowering Plant
24. C Life Cycle of Non-Flowering Plant
25. B Plant Reproduction
26. C Plant Reproduction
27. C Plant Reproduction
28. A Plant Reproduction
29. D Vascular/Non-Vascular Plants
30. B Vascular/Non-Vascular Plants
31. C Vascular/Non-Vascular Plants
32. C Vascular/Non-Vascular Plants
33. A Microorganisms
34. C Microorganisms
35. D Microorganisms
36. C Microorganisms